Final Year Project

BCA 5th Semester

**BCA-HE-5016: Project Work**

**Team Members**

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Project Report: ShopNest

**Dept:** Computer Application

**Abstract**

“ShopeNest” is a e-commerce website developed to provide users with a seamless online shopping experience. This project report offers a comprehensive overview of the development, features, and potential of ShopNest as a platform that enhance the online shopping process.

**Introduction**

In today’s digital age, e-commerce has become an integral part of retails. ShopNest is designed to cater to the growing demand for online shopping by offering a user-friendly and feature-rich platform. It aims to provide customers with an effortless shopping experience and streamline the operations for sellers.

**Objectives**

The primary objectives of the ShopNest project are as follows:

1. **User-friendly interface**: To provide an intuitive and user-friendly interface for customers to browse, search, and purchase products.
2. **Secure transection**: To ensure secure and encrypted payment transactions for customers.
3. **Scalability**: To design the system with scalability in mind, allowing for future expansion.

**Project Scope**

The Scope of the ShopNest e-commerce Website project includes:

1. User Registration and authentication.
2. Product Catalog with categories and filters.
3. Shopping cart and checkout process.
4. Secure payment processing.
5. User reviews and ratings.
6. Order tracking and history.
7. Responsive design for mobile and desktop.

**Technologies Used**

The following technologies are employed in the development for the ShopNest Website:

* **Frontend**: HTML, CSS, SASS, Javascript, jQuery and Bootstrap for responsive design.
* **Backend:** PHP
* **Database:** MySQL
* **Hosting:** XAMPP(The website is hosted on my local server).
* **Version Control:** Git fore code version control.
* **Development Tools:** Visual Studio Code.